OPTOMA - EW775

VIDEOPROJECTOR OPTOMA EW775, 4500 Ansi Lumen, WXGA DMD chip DLP.

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Widescreen presentations and HD entertainment

High brightness projector, astonishing 4500 ANSI Lumens

Easy installation using lens shift. Centre lens design

Optional lenses for a range of room applications

Crestron RoomView® ? RJ45 control and monitoring

Extensive Connectivity

Environmentally friendly design <1W standby mode

Optoma EW775 filter-free design ? virtually no maintenance

Powerful Installation Projector

Widescreen, HD Ready. The Optoma EW775 has almost limitless installation possibilities, its combination of high performance and brightness means it achieves stunning images in most environments. Using centre lens design, full lens shift and interchangeable lens options, the powerful and flexible EW775 is a truly versatile installation solution. Boasting an exceptional 4500 ANSI Lumens, perfect for conferencing facilities, large auditoriums, halls and bars, its true brilliance must be experienced. Ideally partnered with widescreen notebooks and HD sources, the EW775 creates seamless, smooth and radiantly bright corporate presentations, videos and movies.

LENS SHIFT

The EW775 handles a variety of installation challenges that come with large halls, conferencing facilities, auditoriums and bars. Lens shift aligns the projected images centrally on screen and can be adjusted horizontally or vertically without moving the unit.

RS232 CONTROL

The extensive RS232 command set makes it simple and easy to control the EW775 with any control system. AMX Compatibility ? Dynamic Discovery Protocol is incorporated into the EW775. This feature allows for easy installation with AMX control systems.

EXTENSIVE CONNECTIVITY

This native WXGA projector accepts a wide variety of computer and video input signals. Connectivity includes: 5BNC, HDMI, DVI-D, Component Video, dual VGA (with SCART and YPbPr support), S-Video and Composite. Five audio inputs for individual PC and video connections enable the EW775 to function as an audio switcher and

volume controller, thereby eliminating complicated and costly additional audio hardware and cabling.

Crestron RoomView® - NETWORK CONTROL

RoomView® software provides a custom configurable interface to monitor, manage and control every device in every room remotely from any computer.

- Manage up to 250 projectors at the same time (via master PC).
- Control and alter the projector settings using a simple web browser page, including OSD menu control.
- Set up email alerts for warning messages.
- Ideal for large installations in both the educational and business environments.

EXTRA FEATURES

- Direct power on ? start up time is significantly reduced as standby mode is bypassed when the power cable is inserted into an active power outlet. This eliminates the need to use the ?Power? button on the remote control or the projector keypad.
- Signal power on ? the projector will power on when it receives a signal. This eliminates the need to use the ?Power? button on the remote control or the projector keypad.
- Auto power off ? if after a pre-determined time the projector does not receive a signal, it will turn itself off automatically, conserving power and extending the life of the lamp.
- Key pad lock ? once enabled prevents unauthorised adjustments ensuring the projector can only be controlled via the remote control.
- +12v Trigger ? electric screen control
- Logo capture ? customise your start up screen
- Easy to use remote with laser pointer, mouse control and direct source selection

TRUE WXGA RESOLUTION

The EW775 is the perfect companion for widescreen laptops. Your presentations will appear as sharp and detailed as they do on your widescreen laptop in WXGA (1280 x 800). WXGA resolution gives 30% more pixels than XGA.

LENS

The centred lens design allows greater flexibility, ensuring the projector can be easily installed.

OPTIONAL LENSES

Easily attached short and long throw lenses give you the option to install the EW775 in different sized locations.

3D Technology

Using the inherent speed of DLP technology, The Optoma EW775 can output video and images at an astonishing rate of 120Hz, allowing you to show full screen, full colour, stereoscopic 3D. The 3D effect is generated by splitting this signal into two standard video streams, one for each eye. Using DLP® Link? technology, the 3D glasses synchronise with the image on screen to filter each stream to the correct eye. Your brain then combines the two streams to make them jump into life. The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. Support for 3D TV broadcast systems, (SKY in the UK) 3D games from a PS3? & Blu-ray 3D? will require the Optoma 3D-XL that is available separately. See website for updates.

DETAILED SPECIFICATION

Display Technology : Single 0.65? WXGA DMD chip DLP® Technology by Texas Instruments

Native Resolution : WXGA 1280 x 800

Brightness - BRIGHT mode1 : 4500 ANSI Lumens

Contrast : 2000:1

Noise Level : 30/32dB (STD/BRIGHT mode)

Weight : 8.6 kg (without lens)

I/O Connectors : Inputs: PC/Video: HDMI, DVI-D, 2 x 15 Pin D-sub (RGB/YPbPr/SCART), 5BNC, YPbPr, S-Video, Composite, 5 x Audio In - Mini Jack/RCA, USB

Outputs: VGA Out, Audio Out - Mini Jack, +12v Trigger x2

Control: RS232, RJ45

Preset Mode : Movie: Maximum contrast and Colour accuracy

sRGB: For Standard PC Colour (Best Colour Reproductiion)

User: Memorises user's settings

Presentation For computer or notebook

Bright Brightest image

Maximum Resolution : UXGA 1600 x 1200

Computer Compatibility : UXGA, SXGA, XGA, SVGA, VGA, Mac

Video Compatibility : PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)

Displayable Colours : 134.2 Million

Projection Lens : F/2.41~3.2; f=18.39~29.42mm, 1.6x Manual Zoom

Throw Ratio : Short Throw Lens: 0.81:1, STD Lens: 1.62 ~ 2.03:1, Long Throw Lens: 2.03 ~ 3.05:1

Projection Screen Size : Short Throw Lens: 0.73 - 4.37m, Standard Lens:8.87 - 5.1m, Long Throw Lens: 0.77 - 11.62m

Projection Distance : Short: 0.5 ~ 3m, STD: 1.5 ~ 7m, Long 3: 2.0 ~ 20m

Horizontal Scan Rate : 15 - 91.1kHz

Vertical Scan Rate : 50 - 120Hz

Lamp Type/Lamp Life2 : 330W, 2000/1500 hours (STD/BRIGHT mode)

Keystone Correction : ± 30° Vertical

Audio : 2 x 5W

Dimensions (W x D x H) : 430 x 340 x 181 mm (inc. feet), 430 x 340 x 164 mm (excl. feet)

Remote Control : Full function remote with laser pointer, mouse control and direct source selecting

Power Supply : 100-240V, 50-60Hz

Power Consumption : 430W BRIGHT mode < 1W Standby mode 390W STD mode < 1W Standby mode

Operating Conditions : 5°C - 35°C, Max. Humidity 80%, Max. Altitude 3000m

Uniformity : 85,00%

Security : Kensington Lock, Password Protection

Standard Accessories : AC Power Cord, VGA Cable, full Function Remote, Batteries x 2, Lens cover, Quick Start Guide, CD User Manual, Warranty Card, WEEE Card

Optional Accessories : Short Throw Lens, STD Throw Lens, Long Throw Lens, SCART to VGA adaptor, Component to VGA adaptor

RoHS : Compliant

Lens Shift : -15 to +60% Vertical, ±10% Horizontal Before installation please read install guide